## EAST Search History

| Ref #      | Hits   | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|--------|--|---|---------------------|---------|---------------------|
| L1         | 2      | "6792430".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/03/12<br>12:41 |
| S1         | 2      | "6223212".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/30<br>17:24 |
| S2         | 7      | "221122".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/01/30<br>17:25 |
| S3         | 2295   | hatori.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/08/29<br>14:42 |
| <b>S</b> 4 | 5      | "609186".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/02<br>14:53 |
| <b>S</b> 5 | 39     | (marcjan and cezary).in.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/02<br>15:40 |
| S6         | 117265 | ((international adj<br>business adj machines) or<br>IBM).as. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/02<br>15:42 |
| S7         | 32020  | (microsoft).as.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/02<br>15:49 |

| S8  | 17580 | ((microsoft).as.) and<br>associat\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:50 |
|-----|-------|---|---|----|----|---------------------|
| S9  | 14218 | ((microsoft).as.) and<br>associat\$3 and (file or<br>object)                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:51 |
| S10 | 14354 | ((microsoft).as.) and<br>associat\$3 and (access\$3<br>or (user near2 interact\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:51 |
| S11 | 2005  | ((microsoft).as.) and<br>"709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:52 |
| S12 | 1713  | ((microsoft).as. and object) and "709"/\$.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:52 |
| S13 | 1653  | ((microsoft).as. and object<br>and access) and "709"/\$.<br>ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:53 |
| S14 | 993   | ((microsoft).as. and object<br>and shar\$4) and "709"/\$.<br>ccls.                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:59 |
| S15 | 973   | ((microsoft).as. and object<br>and shar\$4 and associat<br>\$4) and "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>09:45 |

| S16 | 121    | ((microsoft).as. and object<br>and shar\$4 with associat<br>\$4) and "709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/02<br>15:59 |
|-----|--------|---|---|----|----|---------------------|
| S17 | 980658 | (metadata or supplement<br>\$3 or extra or (stat adj<br>data) or (stat adj system<br>adj data) or information)<br>with (file or object or<br>documnet or directory or<br>message or application or<br>contact or event or activity<br>or communication)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>09:48 |
| S18 | 61567  | (metadata or supplement<br>\$3 or extra or (stat adj<br>data) or (stat adj system<br>adj data) or information)<br>with (file or object or<br>documnet or directory or<br>message or application or<br>contact or event or activity<br>or communication) with<br>(inode or i-node or<br>association or link)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>10:02 |
| S19 | 3636   | (metadata or supplement \$3 or extra or (stat adj data) or (stat adj system adj data) or information) with (file or object or documnet or directory or message or application or contact or event or activity or communication) with (inode or i-node or association or link) with (shar\$3 or cop\$3 or distribut\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>09:54 |
| S20 | 877    | (metadata or supplement \$3 or extra or (stat adj data) or (stat adj system adj data) or information) with (file or object or documnet or directory or message or application or contact or event or activity or communication) with (inode or i-node or association or link) with (shar\$3 or cop\$3 or distribut\$3) with (stor\$3 or cach\$3 or (data adj base) or (data adj structure)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>10:06 |

| S21  | 7070 | (metadata or supplement \$3 or extra or (stat adj data) or (stat adj system adj data) or information) with (file or object or documnet or directory or message or application or contact or event or activity or communication) with (inode or i-node or association or link) and "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>10:14 |
|------|------|---|---|----|----|---------------------|
| \$22 | 135  | (metadata or supplement \$3 or extra or (stat adj data) or (stat adj system adj data) or information) with (file or object or documnet or directory or message or application or contact or event or activity or communication) with (inode or i-node or association or link) with (shar\$3 or cop\$3 or distribut\$3) with (stor\$3 or cach\$3 or (data adj base) or (data adj structure)) and "709"/\$. ccls. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>10:06 |
| S23  | 314  | (metadata or supplement \$3 or extra or (stat adj data) or (stat adj system adj data) ) with (file or object or documnet or directory or message or application or contact or event or activity) with (inode or i-node or association or link) and "709"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>10:14 |
| S24  | 202  | ((file near shar\$3) with metadata)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>11:43 |

| \$25        | 75  | ("4274139"   "4432057"   "4558413"   "4604686"   "4714992"   "4714995"   "4745559"   "4746559"   "4815030"   "4974149"   "5008814"   "5008853"   "5019963"   "5133075"   "5155847"   "5187787"   "5220657"   "5226161"   "5257369"   "5287504"   "5303379"   "5359730"   "5404488"   "5426747"   "5440744"   "5452447"   "5473772"   "5485370"   "5491820"   "5499343"   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/05<br>11:51 |
|-------------|-----|--|---|----|----|---------------------|
|             |     | "5515508"   "5519769"   "5519875"   "5528490"   "5548726"   "5555427"   "5557793"   "5560012"   "5564051"   "5566302"   "5577244"   "5581755"   "5581761"   "5581764"   "5586311"   "5586326"   "5596720"   "5596746"   "5600834"   "5608874"   "5615112"   "5619710"   "5623656"   "5623661"   "5623656"   "5634010"   "5640564"   "5634010"   "5649192"   "5652887"   "5682532"   "5684984"   "5684991"   "5689708"   "5721911"   "5761677"   "5761678").PN. |   |    |    |                     |
| \$26        | 20  | (meta adj data) with ((data adj structure) or schema) with ((relational adj database) or ((context or content) adj association) or (index adj database))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/05<br>16:43 |
| <b>S</b> 27 | 128 | (meta adj data) with ((relational adj database) or ((context or content) adj association))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:07 |

| \$29 | 1      | (meta adj data) same<br>((context or content) adj<br>association)                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:09 |
|------|--------|--|---|----|----|---------------------|
| S31  | 40898  | "707"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:12 |
| S32  | 1122   | "707"/202.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:14 |
| S33  | 1934   | "709"/204.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:15 |
| S35  | 4268   | direct near3 association   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:24 |
| S36  | 15402  | association near3<br>information   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:24 |
| S37  | 5968   | stor\$3 with (association<br>near3 information)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:25 |
| S38  | 481468 | (file or object or<br>document) with (shar\$3 or<br>copy\$3 or transfer\$4 or<br>distribut\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:27 |

| S40 | 1483 | (file or object or document) with (shar\$3 or copy\$3 or transfer\$4 or distribut\$3) with (association or supplemental or (meta adj data)) and 7\$2/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:37 |
|-----|------|---|---|----|----|---------------------|
| S41 | 3660 | (context or content) near2<br>association   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:38 |
| S42 | 2876 | ((context or content)<br>near2 association) and<br>(cop\$3 or shar\$3 or<br>transfer\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:40 |
| S43 | 366  | ((context or content) near2 association) with (cop\$3 or shar\$3 or transfer\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:41 |
| S44 | 53   | ((context or content) near2 association) near3 (cop\$3 or shar\$3 or transfer\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:42 |
| S45 | 12   | (context near2<br>association) near3 (cop\$3<br>or shar\$3 or transfer\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:44 |
| S46 | 7230 | file with association   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:44 |
| S47 | 332  | (file with association) with (shar\$3 or cop\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>10:53 |

| S48         | 420 | (object with association)<br>with (shar\$3 or cop\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>11:00 |
|-------------|-----|---|---|----|----|---------------------|
| <b>S</b> 49 | 93  | (object with association) with (shar\$3 or cop\$4) and security   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>11:06 |
| <b>S</b> 50 | 7   | "124540".ap.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/06<br>11:07 |
| S51         | 13  | ("4868733"   "5159669"  <br>"5250929"   "5404506"  <br>"5473744"   "5577188"  <br>"5602985"   "5644740"  <br>"5684969"   "5696916"  <br>"5715416"   "5812134"  <br>"5900870").PN.                         | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/06<br>11:08 |
| S52         | 14  | ("4868733"   "5159669"  <br>"5250929"   "5404506"  <br>"5473744"   "5577188"  <br>"5602985"   "5644740"  <br>"5684969"   "5696916"  <br>"5715416"   "5812134"  <br>"5900870").PN. OR<br>("6792430").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/06<br>12:35 |
| S53         | 0   | (context near2 associat\$4)<br>with (user near2 compuer<br>near2 interactions)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/06<br>12:37 |
| S54         | 40  | (context near2 associat\$4)<br>with (user near2<br>interactions)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/06<br>12:37 |
| S55         | 1   | indirect near2 file near2<br>association  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07<br>13:11 |
| S56         | 38  | (shar\$3 or cop\$3) near2<br>file near2 association   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/07<br>13:13 |
| S57         | 1   | "6792430".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/07<br>15:42 |

| S58 | 5     | "417626".ap.                        | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/07<br>15:42 |
|-----|-------|-------------------------------------|---|----|----|---------------------|
| S59 | 1     | "6223212".pn.                       | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/02/07<br>15:43 |
| S60 | 2     | "6792430".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:49 |
| S61 | 15338 | reed.in.                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:49 |
| S62 | 220   | reed.in. and computer.ti.           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:50 |
| S63 | 7     | reed.in. and computer-<br>based.ti. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:52 |
| S64 | 2     | "5721911".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:53 |
| S65 | 2     | "20040205118".pn.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:53 |
| S66 | 2     | "6845448".pn.                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:54 |
| S67 | 2     | "20030158855".pn.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:55 |

| S68 | 2    | "20040255301".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:55 |
|-----|------|--|---|----|----|---------------------|
| S69 | 2    | "20040254938".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/07<br>08:56 |
| S70 | 170  | (yu and allen ).in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22<br>15:43 |
| S71 | 24   | ("4780821"   "4882687"  <br>"5048600"   "5206934"  <br>"5210825"   "5255361"  <br>"5548727"   "5557798"  <br>"5565886"   "5583993"  <br>"5621894"   "5644715"  <br>"5680549"   "5964934").<br>PN. OR ("6223212").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/08/23<br>10:26 |
| S72 | 6    | "609186".ap.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/22<br>15:47 |
| S73 | 0    | ("2005/0028168").URPN.   | USPAT   | OR | ON | 2007/08/22<br>15:48 |
| S74 | 16   | (association with collaboration with (file or contact or application or communication or email)) and "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/23<br>09:20 |
| S75 | 1    | "5862325".pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/08/23<br>10:59 |
| S76 | 1373 | kenyon.in.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/08/23<br>10:59 |
| S78 | 15   | (kenyon and jeffrey).in.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/08/23<br>10:59 |
| S79 | 1272 | 709/221.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/29<br>14:42 |

| S80 | 2    | "7222130".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/11<br>13:10 |
|-----|------|--|---|----|----|---------------------|
| S81 | 2    | "6189019".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/11<br>13:10 |
| S82 | 54   | ("5303367"   "5634062"  <br>"5694594"   "5717922"  <br>"5745360"   "5832494"  <br>"5835085"   "5845299"  <br>"5911145"   "6122647").<br>PN. OR ("6189019").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/11<br>13:15 |
| S83 | 2411 | 709/204.ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/11<br>14:29 |
| S84 | 545  | 709/204.cds. and association   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/11<br>14:29 |

<sup>3/12/2008 4:50:40</sup> PM

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